

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



2 HD1421  
.45  
Cop. 2

# foreign agriculture circular

U.S. Department of Agriculture  
Foreign Agricultural Service  
Economic Research Service

## World Crop Production

Approved by the World Agricultural Outlook Board • USDA

WCP-10-81  
October 9, 1981

### GRAIN, OILSEED PROSPECTS DOWN SLIGHTLY

Region	:	:	:	1981/82 Proj.				
	:	1979/80	:	1980/81	:	Sep	:	Oct
	:	Total Grains (Million metric tons) 2/						
World	:	1539.0	:	1562.1	:	1623.9	:	1621.6
United States	:	302.8	:	269.8	:	324.8	:	328.7
Rest of World	:	1236.2	:	1292.3	:	1299.2	:	1292.9
	:	Oilseeds (Million metric tons)						
World	:	173.8	:	160.6	:	176.4	:	175.4
United States	:	72.6	:	55.9	:	67.1	:	66.9
Rest of World	:	101.3	:	104.8	:	109.3	:	108.5
	:	Cotton (Million bales)						
World	:	65.6	:	65.4	:	70.6	:	70.9
United States	:	14.6	:	11.1	:	15.5	:	15.5
Rest of World	:	51.0	:	54.3	:	55.1	:	55.4
	:							

1/ See footnote 1 on World Crop Production summary table.

2/ Includes rice on a rough basis.

- \* Total world grain production in 1981/82 is forecast at a record 1,622 million tons, largely unchanged from last month's forecast, but 4 percent above the 1980/81 harvest. A larger prospective U.S. coarse grain crop has been offset by lower estimates for the Soviet Union and India.
- \* World wheat production in 1981/82 is forecast at 448 million tons, 1 percent below last month's forecast, but 2 percent above the 1980/81 crop. Lower estimates for the Soviet Union, Australia, and Argentina since last month have been partially offset by increases for Pakistan and Brazil.
- \* World coarse grain production in 1981/82 is forecast at a record 767 million tons, up marginally from last month's forecast, but 5 percent above last year's harvest. The U.S. and Brazilian crop forecasts have been increased while forecasts have been lowered for the Soviet Union, Eastern Europe, and Argentina.

(continued on page 3)

## WORLD CROP PROJECTIONS

Projections of 1981/82 world crop production are still somewhat tentative. Northern Hemisphere projections include winter and spring grain crops in final stages of harvest and spring crops such as corn, soybeans, and cotton now in early stages of harvest. Southern Hemisphere projections include winter grain crops now in the late vegetative growth stage and spring crops currently being planted. Climate and market developments over the next several months will continue to influence 1981/82 production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, and analysts' judgements. The plus/minus variations around projections in this report should encompass final outcomes about two out of three times. The reliability of past world production estimates and measures of production variability are on pages 16-18.

Forecasts of 1981 U.S. acreage, yield, and production for crops, except for sunflowers, are from the U.S. Crop Production report released today by USDA's Crop Reporting Board.

---

This report draws on information from USDA's global network of agricultural attaches, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economic Research Service (ERS), and the World Agricultural Outlook Board (WAOB).

### FAS

Gerald Bange  
Andrew Duymovic  
John Harrison  
Keith Severin  
Patricia Sheikh  
Bob Torrens  
Allen Vandergriff

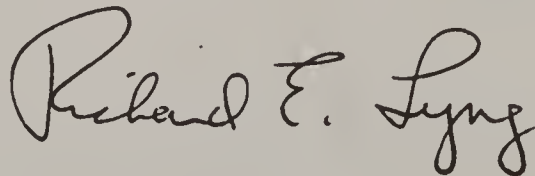
### ERS

James Cole  
Jan Lipson  
Eileen Manfredi

### WAOB

Russell Barlowe	Jim Matthews
Terry Barr	Paul Meyers
James Colburn	Ray Motha
James Donald	Tom Puterbaugh
Frances Kennedy	Norton Strommen
Laras Lambert	Catherine Wagner

APPROVED:



ACTING SECRETARY



(continued from page 1)

- \* World rice production in 1981/82 is forecast at a record 408 million tons, virtually unchanged from last month's forecast. Dry weather has reduced crop prospects in India, while conditions continue favorable in Indonesia, Burma, and South Korea.
- \* World oilseed production in 1981/82 is forecast at 175.4 million metric tons, down 1.0 million from last month but 14.8 million or 9.2 percent above the depressed 1980/81 crop. Downward revisions were made for soybeans, sunflowerseed and peanuts. Improved production prospects are indicated this month for cottonseed and rapeseed.
- \* The world soybean production estimate has been lowered by 230,000 tons to 90.72 million. The Brazilian and Chinese soybean crop were revised downward by 350,000 tons each, largely offset by a higher U.S. estimate of 466,000 tons.
- \* Sunflowerseed production estimates for 1981/82 were cut, principally because the October U.S. estimate is 600,000 tons below the September projection. Also, USSR output is estimated at 4.8 million tons, down 200,000 tons from last month.
- \* World peanut production estimates were reduced slightly this month to 18.17 million tons. An increase in the Chinese estimate was offset by a downward revision for India.
- \* World rapeseed output estimates are little changed from last month with reductions in Canadian output more than offset by an upward revision for the Chinese crop.
- \* World cotton production in 1981/82 is forecast at a record 70.9 million bales, up 5.5 million from last season and slightly above last month's estimate, reflecting larger prospective output in the Soviet Union, Pakistan, Egypt, and India. These gains more than offset sharply smaller production estimated for Central America and slightly smaller output in Mexico and Brazil. The foreign production estimate of 55.4 million bales is 0.3 million above a month earlier and slightly more than a million above the 1980 crop. The U.S. crop is estimated at 15.5 million bales, unchanged from September prospects and 39 percent above a year ago.

#### WORLD WEATHER HIGHLIGHTS THROUGH OCTOBER 9

USSR--Generally favorable weather in southern European USSR aided harvesting of spring-sown row crops. Rapid harvest progress was made before and after rainfall in the third week of September. Late grain harvesting in northern European USSR was hindered by persistent, above-normal precipitation. Soil moisture was adequate for germination and early growth of winter grains. Freezing temperatures arrived in the Middle Volga Valley late in the period.

In the New Lands, the spring grains harvest was concentrated in the north. Wet weather interrupted harvesting in western areas during most of September, and rain and snow in the east brought harvesting to a halt in early October. The cotton harvest began in Central Asia under generally favorable conditions.

UNITED STATES and CANADA--Generally good weather provided favorable harvest conditions.

EUROPE--September weather was near normal over most of Europe. Precipitation nearly everywhere was within 25 percent of normal. The exceptions were amounts 50 percent above normal in western England and only half of normal in the extreme southeast.

SOUTH AMERICA--Beneficial rains in Brazil followed a relatively dry period during September. Some corn planting may have been delayed in more northern areas due to the dry conditions. Some stress was also placed on coffee in Sao Paulo and Minas Gerais. In Argentina, beneficial rains fell on wheat in southeastern and extreme northern Buenos Aires. However, wheat in southwestern Buenos Aires, eastern Cordoba, and southern Santa Fe continued to be stressed by dry weather, dimming crop prospects.

AUSTRALIA--Growing conditions in southern grain areas, where the crop is normally in the vegetative stage of growth, were improved by beneficial rains. Dry weather persisted in northern areas of West Australia and southern Queensland where the grain crop was advancing into the critical filling stage.

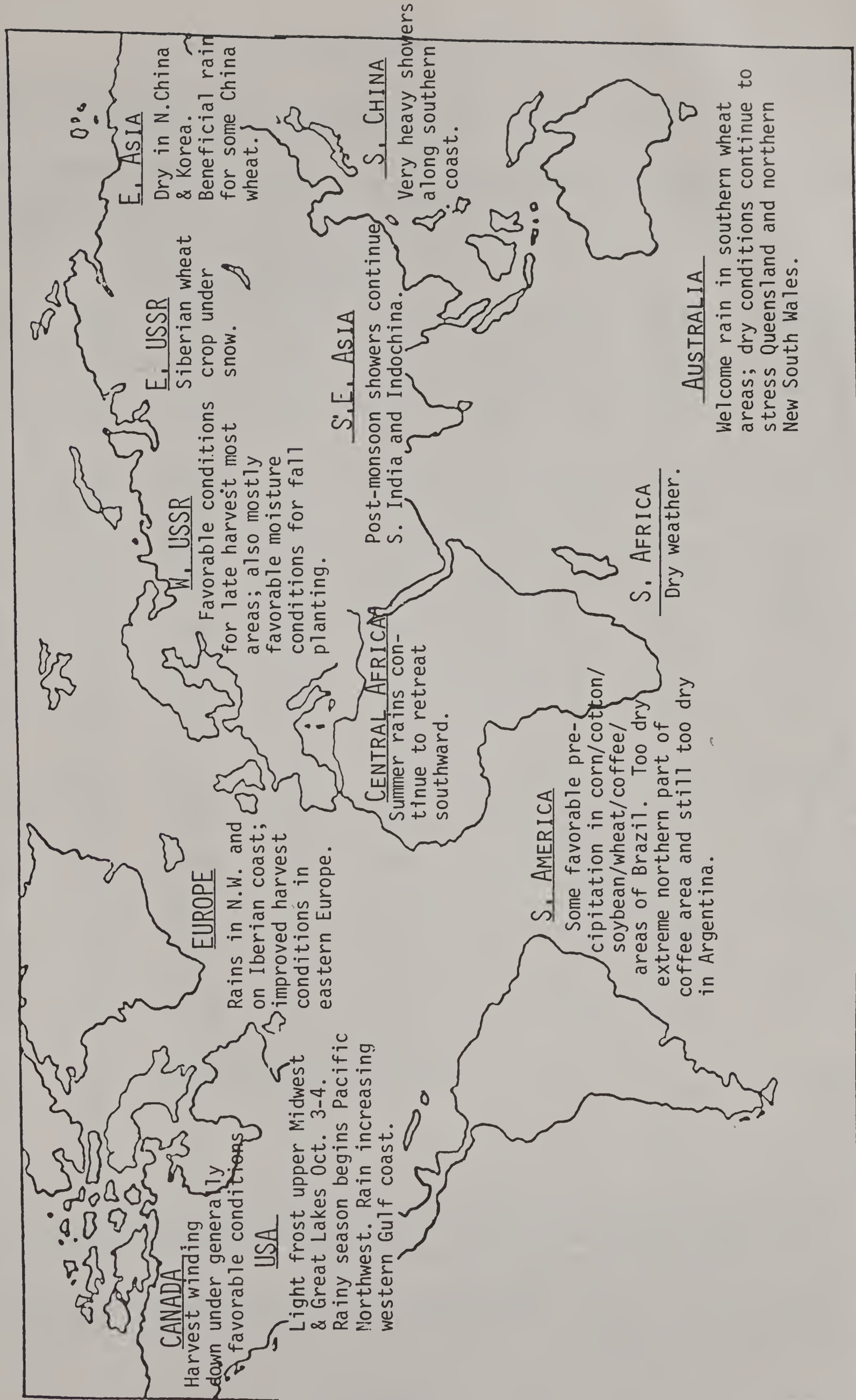
EASTERN ASIA--Heavy rains continued in the upper Yellow River Valley until mid-September, causing serious local flooding, but the flood crest diminished to controllable levels by the time it reached the agriculturally important North China Plain. Dry weather during most of September in this latter area favored harvesting of spring-sown crops, but conditions became too dry as the winter grain sowing season approached. Typhoon Clara dumped generous rains on southeastern winter grain areas, and then a slow-moving front spread beneficial moisture across all but northern parts of the belt in early October.

SOUTH ASIA--An early monsoon withdrawal resulted in dry weather over important Indian rice areas of Punjab, Haryana, and western Uttar Pradesh until nearly the end of September, further hurting crop prospects. Generous rains at the end of the month dramatically improved conditions for sowing winter grains, but the moisture may have come too late to help the rice crop. Groundnut areas in Gujarat had also been threatened by the early monsoon withdrawal, but several rigorous storms late in September prevented any serious losses.



# AGRICULTURAL WEATHER HIGHLIGHTS

DATE September 12-October 8, 1981



## World crop production summary 1/

[illegible]

1/ 1980/81 estimates are preliminary. The 1981/82 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Projected Soviet crop of 175 million tons in special circular FG-35-81(10-09-81) includes around 8 million tons of minor grains and pulses.



World crop production summary 1/---Continued

Major regions and countries									
: Middle East	: Latin America	:	:	: Total for	:	:	: World	:	:
: and	: and	: Oceania	: major	: Other	:	: less	:	:	:
: Africa	: Caribbean	:	: regions	: Coun-	:	: United	:	: World	:
:South :	:Argen- :	:	: and	: tries	:	: States	:	:	:
:Africa :Turkey :	tina : Brazil :	Australia:	countries:	:	:	:	:	:	:
---Million metric tons---									
2.1	13.0	8.1	2.9	16.2	399.3	23.1	364.3	422.3	: 1
1.5	13.0	7.8	2.7	10.8	412.8	25.4	373.7	438.2	: 2
1.8	13.5	9.2	1.5	16.0	424.7	26.0	375.9	450.7	: 3
1.7	13.2	9.0	1.8	15.1	421.6	25.9	372.7	447.5	: 4
11.7	7.6	10.6	20.6	6.2	663.3	76.6	501.2	740.0	: 5
15.1	7.5	21.1	23.0	5.0	644.0	83.2	528.6	727.3	: 6
12.2	7.7	18.0	23.5	6.5	681.4	83.1	522.7	764.5	: 7
12.2	7.8	17.5	24.5	6.8	683.6	82.9	520.7	766.5	: 8
---	---	0.3	9.6	0.6	274.6	102.1	370.7	376.7	: 9
---	---	0.3	9.1	0.8	294.4	102.3	390.1	396.7	: 10
---	---	0.3	10.0	0.7	301.8	106.9	400.6	408.7	: 11
---	---	0.3	10.0	0.7	299.5	108.1	399.5	407.6	: 12
13.7	20.6	19.0	33.1	23.0	1337.2	201.8	1236.2	1539.0	: 13
16.5	20.5	29.2	34.9	16.5	1351.3	210.9	1292.3	1562.1	: 14
14.0	21.2	27.5	35.0	23.1	1407.9	216.0	1299.2	1623.9	: 15
14.0	21.0	26.8	36.3	22.5	1404.7	216.9	1292.9	1621.6	: 16
---	---	6.7	16.7	---	147.5	16.5	101.3	173.8	: 17
---	---	5.9	17.0	---	134.4	16.3	104.8	160.6	: 18
---	---	6.9	17.4	---	148.4	17.5	109.3	176.4	: 19
---	---	6.9	17.0	---	147.6	17.4	108.5	175.4	: 20
---Million 480-pound bales---									
---	2.2	0.7	2.7	---	52.9	12.7	51.0	65.6	: 21
---	2.2	0.4	2.8	---	52.6	12.8	54.3	65.4	: 22
---	2.3	0.6	2.8	---	57.7	13.0	55.1	70.6	: 23
---	2.3	0.6	2.7	---	58.1	12.8	55.4	70.9	: 24

3/ Totals for major regions and countries and other countries include the six major oilseeds shown elsewhere in this report, while world total also includes sesame seed, safflower seed, castorbeans, copra and palm kernels for countries shown plus other countries

--- - No production reported or insignificant production.

\*\*Totals may not add due to rounding.

U.S. Crop Acreage, Yield, Production, and Probable Variation 1/  
(Domestic Units)

Commodity	Harvested area			Yield			Production		
	1981/82			1981/82			1981/82		
	1979/80	1980/81	1981/82	1979/80	1980/81	1981/82	1979/80	1980/81	1981/82
All wheat	62.5	70.9	80.7	80.7	80.7	80.7	34.1	2,370	2,750
Winter	43.4	51.4	58.5	58.5	58.5	58.5	35.2	1,891	2,059
Other	19.0	19.5	22.2	22.2	22.2	22.2	533	478	691
Rye	.9	.7	.7	.7	.7	.7	22	16	17
Feedgrains:	102.5	101.6	106.5	106.5	106.5	106.5	238.2	198.2	245.3
Corn	72.4	73.1	74.1	74.1	74.1	74.1	7,939	6,648	7,940
Sorghum	12.9	12.7	13.6	13.6	13.6	13.6	809	588	864
Barley	7.5	7.2	9.1	9.1	9.1	9.1	383	359	476
Oats	9.7	8.6	9.7	9.7	9.7	9.7	527	458	509
Soybeans	70.6	66.9	66.9	66.9	66.9	66.9	2,268	1,792	2,089
Rice	2.87	3.30	3.82	3.82	3.82	3.82	131.9	145.1	178.6
All cotton:	12.8	13.2	13.8	13.8	13.8	13.8	14.6	11.1	15.5

U.S. Planted Area for Major Crops

Year	Wheat			Feedgrains			All		
	1981/82			1981/82			1981/82		
	1979/80	1980/81	1981/82	1979/80	1980/81	1981/82	1979/80	1980/81	1981/82
1979/80	51.8	19.6	71.4	2.9	81.4	15.3	8.1	14.0	71.6
1980/81	57.4	23.0	80.4	3.4	84.1	15.9	8.3	13.4	70.0
1981/82:	65.8	23.0	88.8	3.9	84.3	16.1	9.8	13.6	68.1
Sept. proj.:	65.8	23.0	88.8	3.8	84.3	16.1	9.8	13.6	68.1
Oct. proj.:	65.8	23.0	88.8	3.8	84.3	16.1	9.8	13.6	68.1

1/ 1980/81 is preliminary. 1981/82 estimates are from the U.S. Crop Reporting Board.

## Wheat area, yield, and production: World and selected countries and regions 1/

Region/country:	Area			Yield			Production				
	:	:	:	:	:	:	:	:	:	:	
	:1979/80	:1980/81:	proj.	:1979/80	:1980/81:	2/:	:1979/80	:1980/81:	:1981/82	proj. 2/	
	:	:	:	:	:	:	:	:	:	:	
-----Million hectares-----											
Metric tons per hectare											
-----Million metric tons-----											
United States	: 25.3	28.7	32.7	2.30	2.25	2.29	2.29	58.1	64.5	74.8	74.8
Canada	: 10.5	11.1	12.2	1.64	1.73	1.97	1.99	17.2	19.2	24.0	24.4
Western Europe	: 15.6	16.4	16.2	3.58	3.92	3.64	3.65	55.7	64.2	58.9	59.0
Eastern Europe	: 9.3	9.7	9.2	2.98	3.55	3.36	3.36	27.6	34.5	31.0	31.0
USSR	: 57.7	61.5	61.0	1.56	1.60	1.52	1.48	90.2	98.1	93.0	90.0
Cen. Planned Asia:											
PRC	: 29.4	28.9	27.6	2.13	1.87	2.03	2.03	62.7	54.2	56.0	56.0
South Asia											
India	: 22.6	22.0	22.3	1.57	1.44	1.52	1.52	35.5	31.6	34.0	34.0
Pakistan	: 6.7	6.9	6.9	1.49	1.56	1.59	1.66	9.9	10.8	11.0	11.5
M. East & Africa :											
South Africa	: 1.9	1.6	1.6	1.10	0.91	1.09	1.06	2.1	1.5	1.8	1.7
Turkey	: 8.6	8.6	8.4	1.51	1.51	1.59	1.57	13.0	13.0	13.5	13.2
L America & Carib:											
Argentina	: 4.8	5.0	5.5	1.69	1.55	1.66	1.62	8.1	7.8	9.2	9.0
Brazil	: 3.8	3.1	2.0	0.75	0.87	0.85	0.90	2.9	2.7	1.5	1.8
Oceania											
Australia	: 11.2	11.2	11.9	1.45	0.97	1.34	1.27	16.2	10.8	16.0	15.1
Total above	:207.3	214.7	217.6	1.93	1.92	1.95	1.94	399.3	412.8	424.7	421.6
Other countries	: 20.4	20.7	20.8	1.13	1.23	1.25	1.25	23.1	25.4	26.0	25.9
World	:227.6	235.4	238.4	1.86	1.86	1.89	1.88	422.3	438.2	450.7	447.5
World less U. S.	:202.3	206.7	205.7	1.80	1.81	1.83	1.81	364.3	373.7	375.9	372.7
Major foreign ex- porters 3/	: 38.4	39.9	42.3	2.35	2.32	2.40	2.39	90.3	92.5	101.3	100.9

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 16.

3/ Includes Canada, Australia, Argentina, and EC.



Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production	
	: 1979/80	: 1980/81: proj.	: 1979/80	: 1980/81: Sep	: 1979/80	: 1980/81 : Sep : Oct
-----Million hectares-----						
Metric tons per hectare						
-----Million metric tons-----						
United States	: 41.8	41.4	43.4	5.72	4.80	5.58
Canada	: 7.1	8.0	9.2	2.63	2.73	2.79
Western Europe	: 25.3	24.6	24.4	3.59	3.85	3.71
Eastern Europe	: 19.8	19.2	19.4	3.20	3.21	3.24
USSR	: 61.2	57.9	54.0	1.33	1.39	1.43
Cen. Planned Asia:						
PRC	: 33.1	32.7	32.5	2.51	2.52	2.52
South Asia						
India	: 41.3	42.0	42.4	0.66	0.68	0.70
N East&Other Asia:						
Thailand	: 1.7	1.8	1.8	2.03	2.01	2.14
M East and Africa:						
South Africa	: 5.4	5.4	5.4	2.15	2.81	2.26
Turkey	: 4.1	4.2	4.2	1.82	1.80	1.86
L America & Carib:						
Argentina	: 4.8	6.4	6.1	2.20	3.28	2.92
Brazil	: 11.9	13.1	13.9	1.74	1.76	1.64
Oceania						
Australia	: 4.2	4.2	4.8	1.47	1.19	1.35
Total above	: 261.8	260.9	261.5	2.53	2.47	2.60
Other countries	: 78.9	80.5	79.8	0.97	1.03	1.04
World	: 340.7	341.4	341.3	2.17	2.13	2.24
World less U. S.	: 298.9	300.0	297.9	1.68	1.76	1.75
Major foreign ex- porters 3/	: 23.3	25.8	27.3	2.17	2.58	2.42

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 17.

3/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

Rice(rough) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production	
	: 1979/80	: 1980/81: proj.	: 1979/80	: 1980/81: Sep	: 1979/80	: 1980/81: Sep
Metric tons per hectare						
-----Million hectares-----						
-----Million metric tons-----						
United States	: 1.2	: 1.3	: 1.5	: 5.15	: 4.97	: 5.24
Western Europe	: 0.3	: 0.3	: 0.3	: 5.78	: 5.46	: 5.68
USSR	: 0.6	: 0.7	: 0.6	: 3.92	: 4.20	: 4.00
Cen. Planned Asia:						
PRC	: 33.8	: 33.4	: 33.2	: 4.25	: 4.17	: 4.28
South Asia						
Bangladesh	: 10.1	: 10.5	: 10.5	: 1.90	: 2.04	: 1.93
Burma	: 4.4	: 4.9	: 4.9	: 2.20	: 2.58	: 2.53
India	: 39.0	: 40.5	: 40.0	: 1.63	: 2.00	: 2.04
Pakistan	: 2.0	: 1.9	: 2.0	: 2.37	: 2.41	: 2.40
N East&Other Asia:						
Indonesia	: 8.8	: 9.0	: 9.3	: 2.99	: 3.30	: 3.39
Japan	: 2.5	: 2.4	: 2.3	: 5.99	: 5.13	: 5.80
South Korea	: 1.2	: 1.2	: 1.2	: 6.39	: 5.09	: 6.04
Thailand	: 8.7	: 9.6	: 9.6	: 1.80	: 1.93	: 1.87
L America & Carib:						
Argentina	: 0.1	: 0.1	: 0.1	: 3.25	: 3.49	: 3.28
Brazil	: 6.6	: 6.6	: 6.6	: 1.47	: 1.39	: 1.50
Oceania						
Australia	: 0.1	: 0.1	: 0.1	: 5.28	: 7.15	: 5.91
Total above	: 119.4	: 122.5	: 122.3	: 2.73	: 2.83	: 2.89
Other countries	: 21.6	: 21.5	: 22.6	: 2.33	: 2.31	: 2.39
World	: 141.1	: 144.0	: 145.0	: 2.67	: 2.75	: 2.82
World less U. S.	: 139.9	: 142.7	: 143.5	: 2.65	: 2.73	: 2.79
Major foreign ex- porters 3/	: 15.3	: 16.6	: 16.6	: 2.02	: 2.21	: 2.16

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Australia, Burma, Pakistan, and Thailand.

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production			
	:		:		:			
	: 1979/80	: 1980/81: proj.	: 1979/80	: 1980/81: Sep	: 1981/82 proj. 2/:	: 1979/80	: 1980/81	: 1981/82 proj. 2/:
	---Million hectares---		Kilograms per hectare		-----Million 480-pound bales-----			
United States	: 5.2	: 5.3	: 5.6	: 453.	: 605.	: 14.6	: 11.1	: 15.5
USSR	: 3.1	: 3.1	: 3.2	: 988.	: 930.	: 13.1	: 14.3	: 13.7
Cen. Planned Asia:								
PRC	: 4.5	: 4.9	: 5.1	: 552.	: 568.	: 10.1	: 12.4	: 13.3
South Asia								
India	: 8.1	: 8.1	: 8.2	: 164.	: 167.	: 6.0	: 6.1	: 6.3
Pakistan	: 2.0	: 2.1	: 2.1	: 340.	: 353.	: 3.4	: 3.3	: 3.4
M East and Africa:								
Egypt	: 0.5	: 0.5	: 0.5	: 1011.	: 958.	: 2.2	: 2.4	: 2.2
Sudan	: 0.4	: 0.4	: 0.4	: 253.	: 255.	: 0.5	: 0.4	: 0.4
Turkey	: 0.6	: 0.7	: 0.7	: 715.	: 735.	: 2.2	: 2.2	: 2.3
L America & Carib:								
Argentina	: 0.6	: 0.3	: 0.4	: 270.	: 300.	: 0.7	: 0.4	: 0.6
Brazil	: 2.0	: 2.0	: 2.0	: 305.	: 297.	: 2.7	: 2.8	: 2.7
Cent America 3/:	: 0.3	: 0.3	: 0.2	: 937.	: 952.	: 1.1	: 1.2	: 1.0
Mexico	: 0.4	: 0.4	: 0.4	: 965.	: 954.	: 1.5	: 1.6	: 1.5
Total above	: 27.6	: 28.1	: 28.7	: 451.	: 477.	: 58.3	: 58.2	: 63.2
Other countries	: 4.4	: 4.5	: 4.7	: 349.	: 344.	: 7.3	: 7.2	: 7.5
World	: 32.0	: 32.6	: 33.4	: 437.	: 458.	: 65.6	: 65.4	: 70.6
World less U. S.	: 26.8	: 27.3	: 27.8	: 434.	: 429.	: 51.0	: 54.3	: 55.1
Major foreign ex- porters 4/	: 7.3	: 7.4	: 7.4	: 745.	: 720.	: 24.1	: 25.4	: 24.7

1/ Totals and averages based on unrounded data. 1980/81 estimates are preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement., See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

4/ Includes USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.



## Soybean area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production						
	: 1979/80	: 1980/81: proj.	: 1979/80	: 1980/81: Sep : Oct	: 1979/80 : 1980/81 : Sep : Oct	: 1981/82 proj. 2/					
	---Million hectares----		Metric tons per hectare		-----Million metric tons-----						
United States	: 28.56	: 27.07	: 27.07	: 2.16	: 1.80	: 2.12	: 61.72	: 48.77	: 56.86	: 57.33	
Canada	: 0.28	: 0.28	: 0.29	: 2.37	: 2.52	: 2.26	: 0.67	: 0.71	: 0.65	: 0.64	
Eastern Europe	: 0.46	: 0.50	: 0.46	: 1.41	: 1.25	: 1.27	: 0.65	: 0.63	: 0.58	: 0.58	
USSR	: 0.84	: 0.85	: 0.89	: 0.56	: 0.63	: 0.63	: 0.47	: 0.54	: 0.56	: 0.56	
Cen. Planned Asia:											
PRC	: 7.20	: 7.32	: 7.50	: 1.04	: 1.08	: 1.08	: 1.04	: 7.46	: 7.88	: 8.10	: 7.80
South Asia											
India	: 0.40	: 0.55	: 0.55	: 0.75	: 0.82	: 0.91	: 0.91	: 0.30	: 0.45	: 0.50	: 0.50
L America & Carib:											
Argentina	: 2.03	: 1.74	: 1.86	: 1.80	: 2.07	: 2.20	: 2.20	: 3.65	: 3.60	: 4.10	: 4.10
Brazil	: 8.76	: 8.85	: 8.85	: 1.73	: 1.75	: 1.75	: 1.74	: 15.14	: 15.50	: 15.75	: 15.40
Paraguay	: 0.44	: 0.52	: 0.55	: 1.49	: 1.54	: 1.55	: 1.55	: 0.65	: 0.80	: 0.85	: 0.85
Total above	: 48.96	: 47.69	: 48.01	: 1.85	: 1.65	: 1.83	: 1.83	: 90.71	: 78.88	: 87.96	: 87.76
Other countries	: 2.36	: 2.08	: 2.40	: 1.27	: 1.17	: 1.24	: 1.23	: 2.99	: 2.43	: 2.99	: 2.96
World	: 51.32	: 49.77	: 50.41	: 1.83	: 1.63	: 1.80	: 1.80	: 93.69	: 81.31	: 90.95	: 90.72
World less U. S.	: 22.77	: 22.70	: 23.34	: 1.40	: 1.43	: 1.45	: 1.43	: 31.97	: 32.54	: 34.08	: 33.39
Major foreign ex- porters 3/	: 11.23	: 11.11	: 11.26	: 1.73	: 1.79	: 1.81	: 1.81	: 19.44	: 19.90	: 20.70	: 20.35

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

		Major regions and countries							
								Centrally:	
								Planned : South Asia	
Commodity		United States	Canada	Western Europe	Eastern Europe	USSR	Asia		
							PRC	India	Paki- stan
		---Million metric tons---							
:Cottonseed									
1:	1979/80	5.24	----	0.26	0.03	4.51	4.41	2.45	1.44
2:	1980/81	4.05	----	0.29	0.03	5.30	5.41	2.70	1.37
	: 1981/82								
3:	Sep. proj.	5.59	----	0.29	0.04	5.00	5.80	2.70	1.47
4:	Oct. proj.	5.58	----	0.32	0.03	5.07	5.80	2.80	1.56
	:								
:Peanuts									
:(In-shell)									
5:	1979/80	1.80	----	----	----	----	2.82	5.77	0.05
6:	1980/81	1.05	----	----	----	----	3.60	5.80	0.05
	: 1981/82								
7:	Sep. proj.	1.75	----	----	----	----	3.40	6.00	0.05
8:	Oct. proj.	1.76	----	----	----	----	3.60	5.80	0.05
	:								
:Sunflowerseed:									
9:	1979/80	3.48 <u>3/</u>	0.22	0.74	2.27	5.41	0.34	0.15	0.00
10:	1980/81	1.82 <u>3/</u>	0.17	0.78	1.82	4.65	0.80	0.17	0.00
	: 1981/82								
11:	Sep proj.	2.64 <u>3/</u>	0.18	0.69	2.08	5.00	0.94	0.16	0.00
12:	Oct proj.	2.04 <u>3/</u>	0.18	0.75	2.05	4.80	0.90	0.16	0.00
	:								
:Rape seed									
13:	1979/80	----	3.41	1.57	0.66	----	2.40	1.43	0.25
14:	1980/81	----	2.48	2.45	1.27	0.01	2.38	2.15	0.25
	: 1981/82								
15:	Sep. proj.	----	1.90	2.49	1.21	0.02	3.60	2.00	0.25
16:	Oct. proj.	----	1.76	2.51	1.17	0.02	3.80	2.00	0.25
	:								
:Flax seed									
17:	1979/80	0.30	0.82	0.06	0.05	0.25	----	0.27	0.01
18:	1980/81	0.21	0.46	0.05	0.09	0.25	----	0.52	0.01
	: 1981/82								
19:	Sep. proj.	0.20	0.50	0.05	0.09	0.25	----	0.40	0.01
20:	Oct. proj.	0.20	0.48	0.05	0.09	0.25	----	0.40	0.01
	:								

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends and analysts' judgement. See footnote on page 8 for source.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts; Argentina and Canada, flaxseed.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries											
: Middle East	:	Latin America	:	Total for	:	Other	:	World	:	Major	
: and	:	and	:	Major	:	coun-	:	less	:	foreign	
: Africa	:	Caribbean	:	regions	:	tries	:	World	:	United	:
:	:	Argen-	:	and	:	and	:	States	:	ex-	:
: Egypt	:	Senegal	:	tina	:	Brazil	:	guay	:	Countries	:
:	:	Sudan	:	regions	:	regions	:		:		:
---Million metric tons---											
0.79	----	0.19	0.32	1.07	0.14	20.85	4.25	25.10	19.86	4.02	: 1
0.84	----	0.21	0.17	1.10	0.19	21.67	4.16	25.83	21.78	4.19	: 2
0.74	----	0.23	0.24	1.08	0.19	23.37	4.27	27.64	22.05	4.25	: 3
0.78	----	0.23	0.24	1.06	0.19	23.66	4.20	27.86	22.28	4.33	: 4
0.03	0.60	0.85	0.29	0.48	0.02	12.74	4.20	16.94	15.14	8.00	: 5
0.03	0.45	0.80	0.24	0.33	0.02	12.38	4.40	16.78	15.73	7.62	: 6
0.05	0.80	0.80	0.26	0.45	0.02	13.59	4.65	18.24	16.49	8.32	: 7
0.05	0.80	0.80	0.26	0.45	0.02	13.60	4.57	18.17	16.41	8.12	: 8
0.01	----	----	1.65	0.02	----	14.30	1.21	15.52	12.03	3.92	: 9
0.01	----	----	1.30	0.09	----	11.60	1.45	13.05	11.24	3.12	: 10
0.01	----	----	1.65	0.12	----	13.48	1.39	14.87	12.23	3.72	: 11
0.01	----	----	1.65	0.12	----	12.65	1.39	14.05	12.01	3.70	: 12
----	----	----	----	----	----	9.73	0.32	10.05	10.05	3.41	: 13
----	----	----	----	----	----	11.00	0.30	11.30	11.30	2.48	: 14
----	----	----	----	----	----	11.47	0.34	11.81	11.81	1.90	: 15
----	----	----	----	0.02	----	11.53	0.34	11.87	11.87	1.76	: 16
0.03	----	----	0.74	----	----	2.53	0.10	2.63	2.33	1.56	: 17
0.04	----	----	0.58	----	----	2.22	0.06	2.27	2.06	1.05	: 18
0.04	----	----	0.66	----	----	2.20	0.07	2.27	2.06	1.16	: 19
0.04	----	----	0.66	----	----	2.18	0.07	2.25	2.05	1.14	: 20

3/ Assumes reported production for four States representing 95 percent of U.S. total.

--- No production reported or less than 5,000 tons.



WHEAT: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate :		Eight Year Record of Difference					: Number of Years 2/	
	: from :		Between October Forecast & Final					:	
	: Trend-68% Confidence Level :		Estimate					:	
	: Percent :	: Quantity :	: Average :	: Average :	: Smallest :	: Largest :	: Below :	: Above :	
			: Percent :				: Final :	: Final :	
	: Million MT :		: (-----Million MT-----) :						
<u>North America</u>									
Canada	: 16.8	: 5	: 2.7	-	-1/	1	: 5	: 3	
United States	: 9.3	: 5	: .6	-	-	1	: 6	: 2	
<u>Western Europe</u>	: 7.6	: 4	: 2.0	1	1	2	: 6	: 2	
<u>Eastern Europe</u>	: 11.9	: 4	: 2.7	1	-	2	: 3	: 4	
<u>Oceania</u>									
Australia	: 20.2	: 2	: 14.2	2	-	5	: 4	: 2	
<u>South Asia</u>									
India	: 9.1	: 2	: 3.9	1	-	3	: 5	: 2	
Pakistan	: 6.5	: 1					: NA	: NA	
<u>Centrally Planned Asia</u>									
China	: 9.5	: 4					: NA	: NA	
<u>USSR</u>	: 16.6	: 16	: 7.5	7	3	12	: 4	: 4	
<u>Middle East and Africa</u>									
South Africa	: 16.7	-					: NA	: NA	
Turkey	: 9.3	: 1					: NA	: NA	
<u>Latin America &amp; Caribbean</u>									
Argentina	: 22.5	: 2	: 12.7	1	1	2	: 4	: 4	
Brazil	: 47.6	: 1					: NA	: NA	
<u>Total Above</u>			: 3.2	9	2	21	: 5	: 3	
<u>Others</u>	: 6.4	: 3	: 2.4	2	-	5	: 6	: 2	
<u>World Total</u>	: 5.6	: 21	: 2.4	10	1	22	: 4	: 4	
<u>World Less U.S.</u>	: 7.2	: 23	: 2.8	10	1	21	: 4	: 4	
<u>Major Competitors 3/</u>	: 8.0	: 3	: 4.6	2	-	6	: 5	: 2	

1/ Less than 500,000 tons

2/ May not add up to 8 if October estimate was the same as final

3/ Includes Canada, Australia, Argentina, and the EC.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1971-1980; percent error is calculated at the mean. The 8 year record is based upon absolute differences from final estimates.

FAS:IAS:FPED:October 10, 1981

COARSE GRAINS: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate		Eight Year Record of Difference					
	from		Between October Forecast & Final					
	Trend-68% Confidence Level		Estimate					
	Percent	Quantity	Average	Average	Smallest	Largest	Below	Above
			Percent				Final	Final
	Million MT		(-----Million MT-----)					
<u>North America</u>								
Canada	9.8	2	4.0	1	-1/	2	4	3
United States	9.3	17	2.6	6	1	10	7	1
<u>Western Europe</u>	6.7	6	1.1	1	-	2	7	1
<u>Eastern Europe</u>	4.9	3	3.7	2	-	4	7	1
<u>Oceania</u>								
Australia	19.2	1	14.5	1	-	1	3	5
<u>South Asia</u>								
India	9.6	3					NA	NA
<u>Centrally Planned Asia</u>								
China	4.1	3					NA	NA
<u>Near East &amp; Other Asia</u>								
Thailand	19.2	-	2.5	-	-	-	2	1
<u>USSR</u>	18.2	16	8.2	7	2	12	4	4
<u>Middle East and Africa</u>								
South Africa	27.3	2	15.5	1	-	5	6	2
Turkey	15.2	1					NA	NA
<u>Latin America &amp; Caribbean</u>								
Argentina	20.2	3	19.7	3	1	4	5	3
Brazil	10.2	2	9.2	2	-	3	5	3
<u>Total Above</u>			1.9	9	3	19	5	3
<u>Others</u>	4.6	4	2.3	3	1	11	6	2
<u>World Total</u>	3.5	23	1.7	11	2	22	5	3
<u>World Less U.S.</u>	4.0	19	2.0	9	3	28	4	4
<u>Major Competitors 3/</u>	5.8	4	5.6	4	1	9	3	5

1/ Less than 500,000 tons

2/ May not add up to 8 if October estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa and Thailand.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1971-1980; percent error is calculated at the mean. The 8 year record is based upon absolute differences from final estimates.

FAS:IAS:FPED:October 10, 1981

Cotton, rice (rough), and oilseeds production: 1981/82 trend projections and  
standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	--Mil. bales--			---Mil. MT---			---Mil. MT---		
U.S. <u>2/</u>	15.5	.8	5.4	8.1	.2	2.6	57.3	2.0	3.4
Canada	---	---	---	---	---	---	3.0 <u>3/</u>	.8	25.9
Western Europe	---	---	---	1.7	.2	11.8	---	---	---
Eastern Europe	---	---	---	---	---	---	---	---	---
USSR	13.9	.5	3.6	2.7	.1	3.7	5.0 <u>4/</u>	.8	16.3
Centrally Planned Asia:									
PRC	10.7	1.1	10.3	145.2	3.7	2.6	---	---	---
South Asia									
Bangladesh	---	---	---	21.0	1.0	4.8	---	---	---
Burma	---	---	---	11.7	.8	6.8	---	---	---
India	6.0	.4	6.7	79.0	7.2	9.1	6.2 <u>5/</u>	.7	12.1
Pakistan	2.6	.5	19.2	5.1	.2	3.9	---	---	---
Near East & Other Asia									
Indonesia	---	---	---	28.6	1.0	3.5	---	---	---
Japan	---	---	---	14.7	1.3	8.8	---	---	---
South Korea	---	---	---	7.6	.9	11.8	---	---	---
Thailand	---	---	---	17.9	.9	5.0	---	---	---
Middle East and Africa									
Egypt	2.0	.3	15.0	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.7 <u>5/</u>	.3	42.8
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.4	.2	50.0	---	---	---	---	---	---
Turkey	2.2	.2	9.1	---	---	---	---	---	---
Latin America & Caribbean									
Argentina	.8	.2	25.0	.3	.03	10.0	---	---	---
Brazil	2.4	.4	16.7	9.5	.6	6.3	16.5 <u>6/</u>	1.8	10.9
Mexico	1.4	.4	28.6	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.7	.05	7.1	---	---	---
Foreign	51.2	2.6	5.1	397.9	8.7	2.2	---	---	---
World	63.5	4.0	6.3	404.4	9.0	2.2	171.8	8.4	4.9 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1971/72-1980/81. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1981/82 production will total within 0.5 million bales or 3.6 percent of the trend projection of 13.9 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 3/ Rapeseed. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.4; cottonseed, 6.1; sunflowerseed, 9.3; peanuts, 5.5; and rapeseed 8.9.





**UNITED STATES DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250**

\_\_\_\_\_  
**OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300**

If you no longer need this publication, check here \_\_\_\_\_ and return this sheet and/or envelope in which it was mailed and your name will be dropped from mailing list.

If your address should be changed \_\_\_\_\_ **PRINT OR TYPE** the new address, including ZIP CODE and return the whole sheet and/or envelope to:

**FOREIGN AGRICULTURAL SERVICE, Room 5918 So.  
U.S. Department of Agriculture  
Washington, D.C. 20250**

**POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF  
AGRICULTURE**



**AGR 101  
FIRST CLASS**